Reference Datasheet

Eaton EX 2200 RT Marine

Product	Ref	Description
Eaton EX 2200 RT Marine	68449	Marine approved UPS by the DNV, On-line double conversion UPS with automatic bypass, 2200VA/1980W, versatile Tower/Rack3U short depth, multilingual LCD display, 8 IEC 10A outlets including 4 Powershare + 1 IEC 16A, hot swappable batteries, power management software, USB and Serial port, slot for optional management card

Packaging	Dimensions (WxDxH*, mm)	Weight (kg)	Nb of products / carton	Barcode (EAN13)
Individual carton	767*593*279	34 kg	1 product / carton	3553340684494
Shipping pallet	1200*1000*997	225 kg	8 cartons / pallet	

Packaging content
1 Rack/Tower versatile UPS, 1 16A input power cord, 4 IEC10A output cords, cable locking system, Solution-Pac CD, 1 USB cable, 1 serial cable RJ45/DB9, user manual, quick start guide, warranty card, safety instructions

Technical specifications	
Technology	ON-LINE double conversion with automatic bypass and Power factor correction system
Power ratings	2200 VA / 1980 W
Dimensions (H x W x D*)/Weight	440 x 131 x 490 mm / 30 kg
Output connections	8 IEC C13 (10A) + 1 IEC C19 (16A) outlet, including 2 groups of 2 IEC 10A Powershare outlets
Input voltage range	100/120/160/184V to 284V (for load level <20% / <33% / <66% / >=66% of rated output)
Output voltage	230V (adjustable to 200/208/220/240V)
Frequency	Input range : 40-70 Hz, Output range : 50/60 Hz auto select or frequency converter mode
Features	Power factor correction system, Remote power off, Frequency converter mode (with 15% power derating), Cold start
Battery features	Automatic weekly test (periodicity adjustable via LCD display or software), battery extension automatic detection
User interface	3 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Administration	1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF & Remote Power Off, 1 slot for NMC Minislot 2006 Edition or NMC ModBus/Jbus or MC Contacts/Serial
Warranty	2 years – Optional 3 years warranty with Warranty+ (depending on country)
Standards and certifications	IEC/EN 60945, IEC/EN 62040-3; IEC/EN 62040-1 -1; IEC/EN 60950-1 (RD), IEC/EN 62040-2 C1 class, CE, TüV GS, CB report, TüV-US

Runtime	Typical runtime at 50%	Typical runtime at 70%
Eaton EX 2200 RT Marine	17 min	12 min
Eaton EX 2200 RT Marine + 1 EXB	85 min	60 min
Eaton EX 2200 RT Marine + 4 EXB	285 min	200 min

Key selling points

- DNV tested according to safety requirements of IEC/EN 60945
- The best level of power protection : On-line double conversion topology, with automatic by-pass and PFC system
- Flexible RT form factor : convertible Tower / 3U Rack short depth (compatible with 600 mm racks)
- Compatibility with power factor corrected power supplies (ratio W/VA=0,9)
- Wide input voltage tolerance, with automatic optimisation according to real power consumption
- Individual management of the UPS outlets (Powershare)
- Easy to operate : multilingual LCD display
- Hot-swappable batteries & Long runtimes possibile: from 1 to 4 optional EXB cabinets(Pulsar M EXB), with automatic detection
- Multiple supervision modes : USB/Serial ports, slot for optional management card (SNMP/Web, contacts or ModBus)
- Suite of management software (for local or remote monitoring) on Solution-Pac CD (with SNMP agents included)
- Connector for Remote power off or remote ON/OFF function

Options	References
Marine Filter 3000VA (Required if UPS is for Bridge of Ship)	66886
Eaton EX Marine EXB	68405
Eaton EX Marine rack kit 2U/3U	68441
Network Management Card Minislot 2006 Edition	66102
Network Management Card ModBus/Jbus	66103
Management Card Contacts/Serial	66104

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